I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 23, 2004 Signature:



2685/

Docket No.: 47253-00034USPX (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Johan Nilsson et al.

Application No.: 10/025526 Art Unit: 2685

Filed: December 18, 2001 Examiner: D. K. Le

For: METHOD AND APPARATUS FOR CLASSIFYING INTERFERENCE

RECEIVED

OCT 0 4 2004

Technology Center 2600

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 23, 2004 (Paper No. 11), please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

AMENDMENT TRANSMITTAL LETTER

Docket No. 47253-00034USPX

Application No. 10/025526-Conf. #6219

Filing Date December 18, 2001 Examiner D. K. Le

Art Unit 2685

| Applica | ınt(s |): ֊ | Johan | Ni | Isson | et | al. |
|---------|-------|------|-------|----|-------|----|-----|
|---------|-------|------|-------|----|-------|----|-----|

Invention:

METHOD AND APPARATUS FOR CLASSIFYING INTERFERENCE

TO THE COMMISSIONER FOR PATENTS

OCT 0 4 2004 Technology Center 2600

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED Claims Highest Number Remaining Number After Previously **Extra Claims** Amendment Paid Present Rate **Total Claims** 0.00 19 20 X Independent 2 3 = X 0.00 Claims

| Multiple Dependent Claims (check if applicable) | | | |
|--|-------------------|--|--|
| Other fee (please specify): Extension for response within second month | 420.00 | | |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT: | 420.00 | | |
| x Large Entity Small Entity | | | |
| No additional fee is required for this amendment. | | | |
| Please charge Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed. | · | | |
| A check in the amount of \$ 420.00 to cover the filing fee is enclosed. | sed. | | |
| Payment by credit card. Form PTO-2038 is attached. | | | |
| The Director is hereby authorized to charge and credit Deposit Account No. as described below. A duplicate copy of this sheet is enclosed. | 10-0447 | | |
| x Credit any overpayment. | | | |
| Charge any additional filing or application processing fees required under 37 | CFR 1.16 and 1.17 | | |
| | otember 23, 2004 | | |
| Stanley R. Modre Carlos Stanley R. Modre Carlos Stanley Reg. No.: 26,958 | | | |
| JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION 1445 Ross Avenue, Suite 3200 Dallas, Texas 75202 | | | |

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Dated: September 23, 2004

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| FEE TRANSMITTAL | Complete if Known | | | | | | | | | |
|--|-------------------|-----------------------------------|----------------------|-------------|--|--|----------------------------|--|-------------|------------|
| FEE INANSIMITIAL | | | Application Number | | | 10/025526-Conf. #6219 | | | | |
| for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision. | | | Filing Date | | | December 18, 2001 | | | | |
| | | | First Named Inventor | | Johan Ni | ilsson | DE | CE | VED | |
| | | Exam | iner Na | ame | | D. K. Le | | 111 | . <u>UL</u> | V |
| Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit | | | 2685 | | | CT 0 | 2004 | |
| TOTAL AMOUNT OF PAYMENT (\$) 420.00 | | Attom | ey Doo | ket No |). <u> </u> | 47253-00 | 0034USP | <u>x </u> | 010 | 2 200 / |
| METHOD OF PAYMENT (check all that apply) | | | | FEE | CALCU | LATION (ca | ontinued) | echno | May C | enter 2600 |
| X Check Credit Money Other None | 3. A | DDITIO | ONAL | FEES | | | ,• ` | 9011119 | nog, o | ontor 2000 |
| Deposit Account: | | | | | | | | | | |
| Deposit | | Entity | | Entity | - | | | | | |
| Account 10-0447 | Fee Code | Fee (\$) | Fee Code | Fee (\$) | | Fee Des | cription | | Fee Paid | |
| Deposit Jenkens & Gilchrist, a | 1051 | 130 | 2051 | 65 | Surcharne | e – late filing fe | ae or oath | | | |
| Account Name Professional Corporation | | | | | _ | e – late provisi | | e or cover | - | |
| The Director is authorized to: (check all that apply) | 1052 | 50 | 2052 | 25 | sheet. | iato provio | iona ming to | 0. 0010. | | |
| Charge fee(s) indicated below X Credit any overpayments | 1053 | 130 | 1053 | 130 | Non-Engli | sh specification | วก | | | |
| Charge any additional fee(s) or any underpayment of fee(s) | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | | | | | |
| Charge fee(s) indicated below, except for the filing fee | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | | | | |
| to the above-identified deposit account. | 1805 | 1,840* | 1805 | 1,840* | Requestin | g publication | of SIR after | | | • |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Examiner | action for reply withi | in first month | | | |
| 1. BASIC FILING FEE | 1252 | 420 | 2252 | 210 | | for reply withi | | | 420.00 | |
| Large Entity Small Entity | 1253 | 950 | 2253 | 475 | | for reply withi | | | | |
| Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$) | 1254 | 1,480 | 2254 | 740 | Extension | for reply withi | in fourth mon | th | | |
| 1001 770 2001 385 Utility filing fee | 1255 | 2,010 | 2255 | 1,005 | Extension | for reply withi | n fifth month | | | |
| 1002 340 2002 170 Design filing fee | 1401 | 330 | 2401 | 165 | Notice of A | Appeal | | | | |
| 1003 530 2003 265 Plant filing fee | 1402 | 330 | 2402 | 165 | Filing a bri | ief in support o | of an appeal | | | |
| 1004 770 2004 385 Reissue filing fee | 1403 | 290 | 2403 | | • | or oral hearing | | | | |
| 1005 160 2005 80 Provisional filing fee | 1451 1452 | 1,510 110 | 1451 2452 | 1,510 55 | | institute a put | • | eeding | | |
| SUBTOTAL (1) (\$) 0.00 | | 1,330 | 2452 | | | etition to revive – unavoidable etition to revive - unintentional | | | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | | 1,330 | 2501 | | | e fee (or reiss | | | | |
| Extra Fee from Claims below Fee Paid | 1502 | 480 | 2502 | | Design iss | - | | | | |
| Total Claims 19 -20** = x = 0.00 | 1503 | 640 | 2503 | 320 | Plant issue | e fee | | | | |
| Independent 2 -3** = x = 0.00 | 1460 | 130 | 1460 | 130 | Petitions to | o the Commis | sioner | | | |
| Claims 2 0.00 Multiple Dependent = | 1807 | 50 | 1807 | 50 | Processing | g fee under 37 | 7 CFR 1.17(q |) | | |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submissio | n of Informatio | on Disclosure | Stmt | | |
| Fee Fee Fee Fee Fee Description | 8021 | 40 | 8021 | | | each patent a | | | | |
| 1202 18 2202 9 Claims in excess of 20 | | | | | | imes number o bmission after | | | | |
| 1201 86 2201 43 Independent claims in excess of 3 | 1809 | 770 | 2809 | | (37 CFR 1 | .129(a)) | - | | | |
| 1203 290 2203 145 Multiple dependent claim, if not paid | 1810 | 770 | 2810 | | | dditional inve (37CFR 1.129 | | | | |
| 1204 86 2204 43 ** Reissue independent claims over original patent | 1801 | 770 | 2801 | | - | or Continued E | | (RCE) | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 | 1802 | 900 | 1802 | | | or expedited e n application | xamination | | | |
| and over original patent | Other fo | ee (spec | ify) | | | | | | | |
| SUBTOTAL (2) (S) 0.00 | *Redu | ced by E | Basic Fil | ing Fee | Paid | SUBTO | TAL (3) | \$) | 420.00 | |
| **or number previously paid, if greater, For Reissues, see above | | | | | | | | | | |
| SUBMITTED BY | | Registration No. 126 059 | | | (Complete (if applicable)) | | | | | |
| | | stration No. mey/Agent) 26,958 | | | Telephone (214) 855-4713 | | | | | |
| Signature Dunly R N cml | | | | | | Date | Septemb | er 23, 3 | 2004 | |
| | | | | | | | | | | |
| I hareby certify that this correspondence is being described: | aith th | 110 | Doetal 1 | Sonder | a weith as a | Ficiant nest- | ao ao Eirri | Class M | ail in | |
| I hereby certify that this correspondence is being deposited van envelope addressed to: MS Amendment, Commissioner | for Pat | tents, P | P.O. Bo | × 1450 | , Alexand | iria, VA 223 | ye as Fiisi 313-1450, o | n the da | te | |
| shown below. | ۰ | 1- | 1 | ` , | | | | | | |
| Dated: September 23, 2004 Signature: | | <u> </u> | ni | leh | all | (Carol Mi | tchell) | | | |

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